

**CONTINUING APPLICATION TRANSMITTAL UNDER RULE 1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Mail Stop: Patent Application**

Director of the U.S. PTO

P.O. Box 1450

Alexandria, VA 22313-1450

Date: April 15, 2004

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a

☒ Continuation

Divisional

☐ Continuation-in-Partapplication of prior pending Application No. 09/956,342, filed September 20, 2001.

For (Title): METHOD FOR THE DIRECT, EXPONENTIAL AMPLIFICATION AND  
SEQUENCING OF DNA MOLECULES AND ITS APPLICATION

By (Inventors): Christian KILGER and Svante PÄÄBO

1. ☒ A Declaration and Power of Attorney is attached. The attached Declaration and Power of Attorney is:
- ☒ a. A copy of the Declaration and Power of Attorney from the parent application. (Used with the same or fewer inventors and (a) a copy of the prior application or (b) a revised, reformatted or edited version of the prior application that does not contain new matter.)
- ☐ b. A new Declaration and Power of Attorney. (Used with the same, fewer or additional inventors and (a) a copy of the prior application, (b) a revised, reformatted or edited version of the prior application that does not contain new matter, or (c) a new specification.)
2. ☒ The filing fee based on entry of the concurrently filed Preliminary Amendment is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED BELOW**

| FOR:   | NO. FILED | NO. EXTRA |
|--|-----------|-----------|
| BASIC FEE  |           |           |
| TOTAL CLAIMS   | 5 - 20    | = 0       |
| INDEP CLAIMS   | 1 - 3     | = 0       |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED |           |           |

\* If the difference is less than zero, enter "0".

**SMALL ENTITY**

| RATE   | FEE    |
|--------|--------|
|        | \$ 385 |
| x 9 =  | \$     |
| x 43 = | \$     |
| +145 = | \$     |
| TOTAL  | \$     |

**OTHER THAN A  
SMALL ENTITY**

| RATE  | FEE    |
|-------|--------|
|       | \$ 770 |
| x 18  | \$     |
| x 86  | \$     |
| +290  | \$     |
| TOTAL | \$ 770 |

3. ☒ A Check in the amount of \$770.00 to cover the filing fee is attached.
4. ☒ The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 01-2300.
5. ☐ Cancel claims \_\_\_\_\_ of the application before calculating the filing fee. At least one independent claim is retained for filing purposes.
6. ☒ Amend the specification by inserting before the first line the sentence:  
 --This is a ☒ Continuation ☐ Division ☐ Continuation-in-Part of Application No. 09/956,342 filed September 20, 2001, which in turn is a Continuation Application of Parent Application No.

13281 U.S. PTO  
041504

17531 U.S. PTO  
10/824465  
041504

09/311,723 filed May 14, 1999, which in turn is a Continuation Application of Parent Application No. 08/991,347, filed December 16, 1997, now U.S. Patent No. 6,107,032, issued August 22, 2000. The disclosures of the prior applications are hereby incorporated by reference herein in their entirety.--

7. ☒ Formal drawings (Figs. 1-6) are attached.
8. ☒ Priority of foreign application No. 196 53 439.9 filed December 20, 1996 in Germany is claimed under 35 U.S.C. §119 and/or §365(b).
9. ☒ The certified copy was filed in prior Application No. 08/991,347 on December 16, 1997.
10. ☐ A certified copy of the above foreign application(s) is attached.
11. ☐ Priority of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ is claimed under 35 U.S.C. §119(e).
12. ☐ Amend the specification by inserting before the first line the sentence:  
--This nonprovisional application claims the benefit of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_.--
13. ☒ The prior application is assigned of record to Roche Diagnostics GmbH recorded at Reel 009971, Frame 0915 on May 27, 1999.
14. ☐ This application is filed by fewer than all the inventors named in the prior application (37 C.F.R §1.53(b)(1)). Delete the following inventor(s) named in the prior application:
15. ☒ A Preliminary Amendment is attached.
16. ☒ An Information Disclosure Statement is attached along with Form PTO-1449.
17. ☐ Small entity status:  
☐ a. A small entity statement is attached.  
☐ b. A small entity statement was filed in the parent application and such status is still proper and desired.  
☐ c. Small entity status is no longer claimed.
18. ☐ Other: \_\_\_\_\_
19. ☒ The Power of Attorney in the application is to:

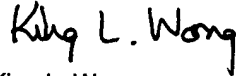
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